Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102919\
Data File : BG043399.D
Acq On : 30 Oct 2019 8:27
Operator : JU
Sample : K5576-07
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Oct 30 09:14:28 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 21 16:37:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	43976	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	158845	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	117650	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	265096	20.00	ng	0.00
76) Chrysene-d12	21.66	240	293902	20.00	ng	0.00
87) Perylene-d12	24.85	264	346200	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	310392	129.34	ng	0.00
7) Phenol-d6	7.21	99	431576	124.99	ng	0.00
23) Nitrobenzene-d5	9.19	82	254063	82.46	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	246360	110.04	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	688201	80.83	ng	0.00
79) Terphenyl-d14	20.00	244	1369758	87.44	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.22	88	9984	10.676	ng	# 1
10) Phenol	7.24	94	6888	2.183	ng	# 67
15) Benzyl Alcohol	8.35	79	5005	2.064	ng	# 69
19) n-Nitroso-di-n-propylamine	9.18	70	36036	16.151	ng	# 75
32) Benzoic acid	9.77	122	54	9.077	ng	# 1
50) Dimethylphthalate	14.10	163	45777	5.023	ng	97
51) 2,6-Dinitrotoluene	14.65	165	15812	7.987	ng	# 24
57) 2,4-Dinitrotoluene	14.65	165	15812	5.589	ng	# 25
77) Benzidine	20.00	184	19863	3.358	ng	# 93

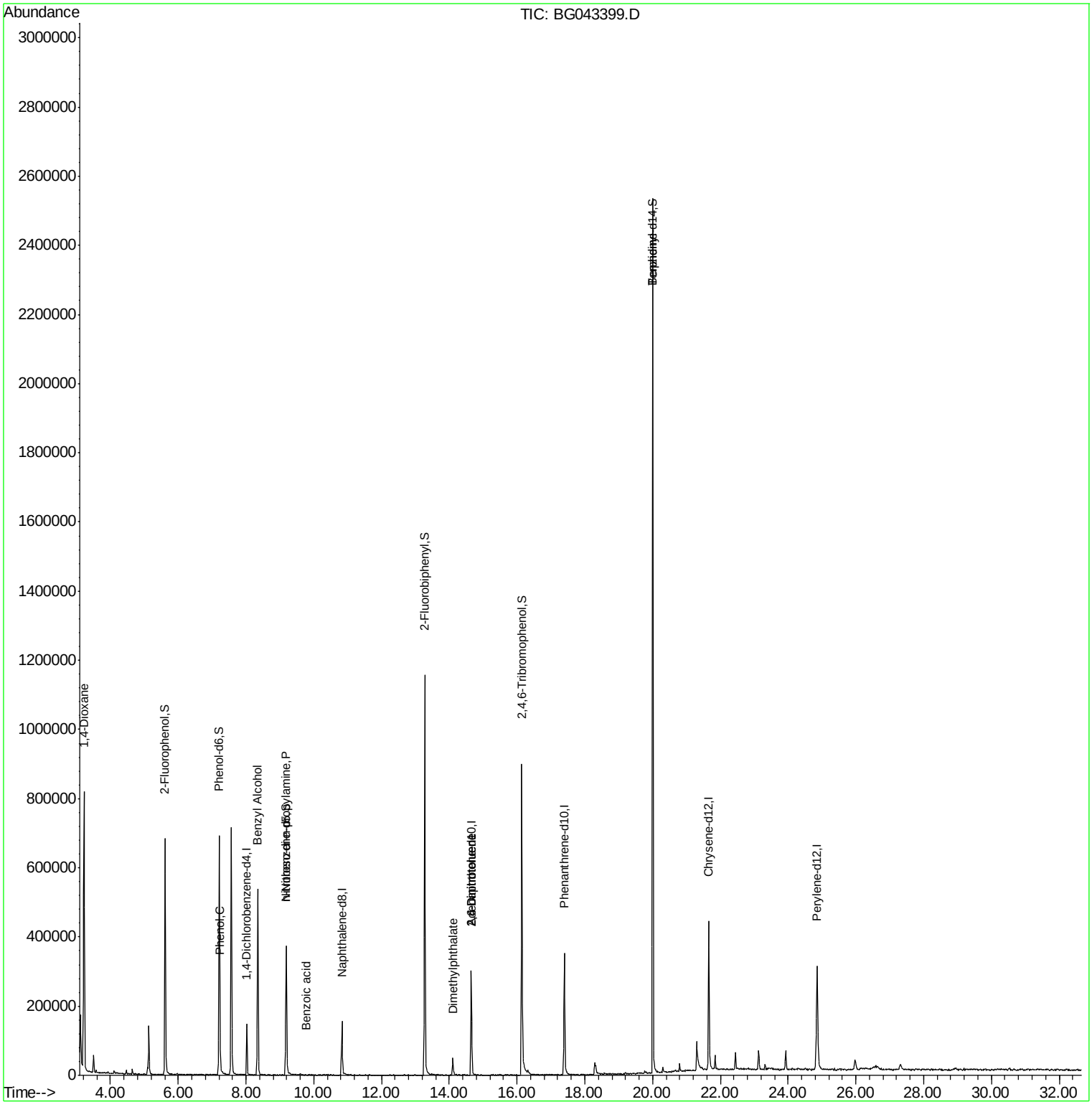
(#) = qualifier out of range (m) = manual integration (+) = signals summed

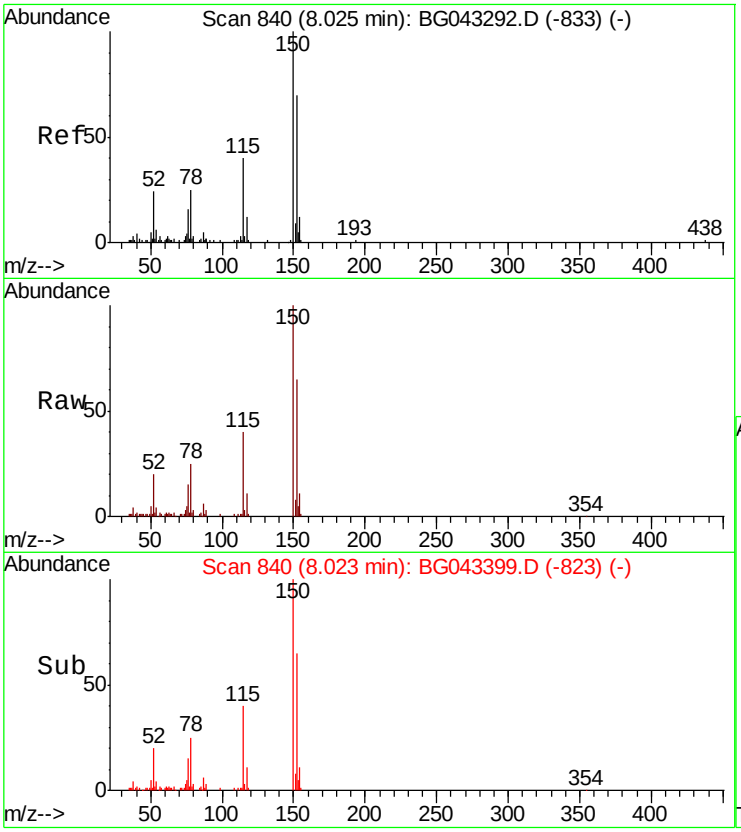
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102919\
Data File : BG043399.D
Acq On : 30 Oct 2019 8:27
Operator : JU
Sample : K5576-07
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Oct 30 09:14:28 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 21 16:37:43 2019
Response via : Initial Calibration



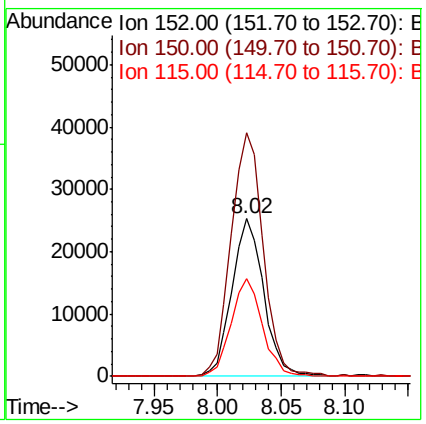


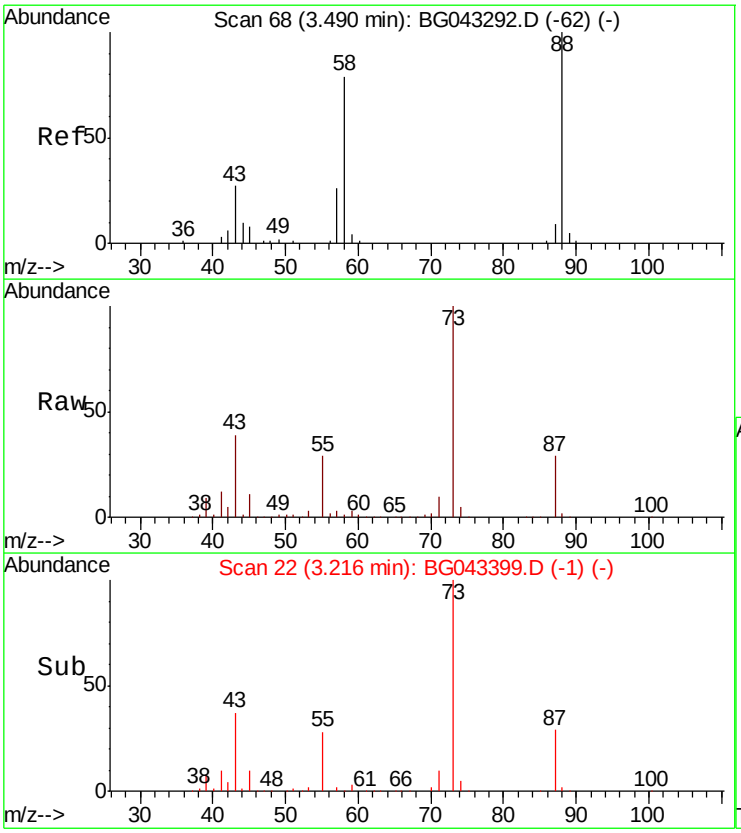
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.00 min
Lab File: BG043399.D
Acq: 30 Oct 2019 8:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 43976

Ion	Ratio	Lower	Upper
152	100		
150	154.3	113.6	170.4
115	62.0	45.9	68.9

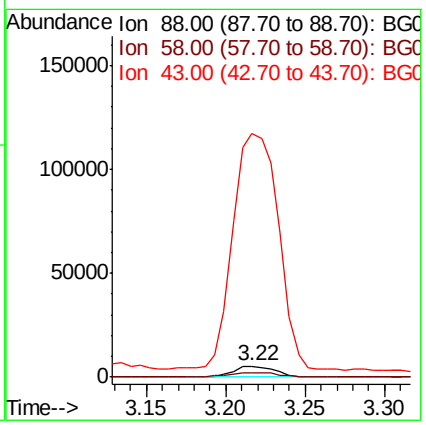


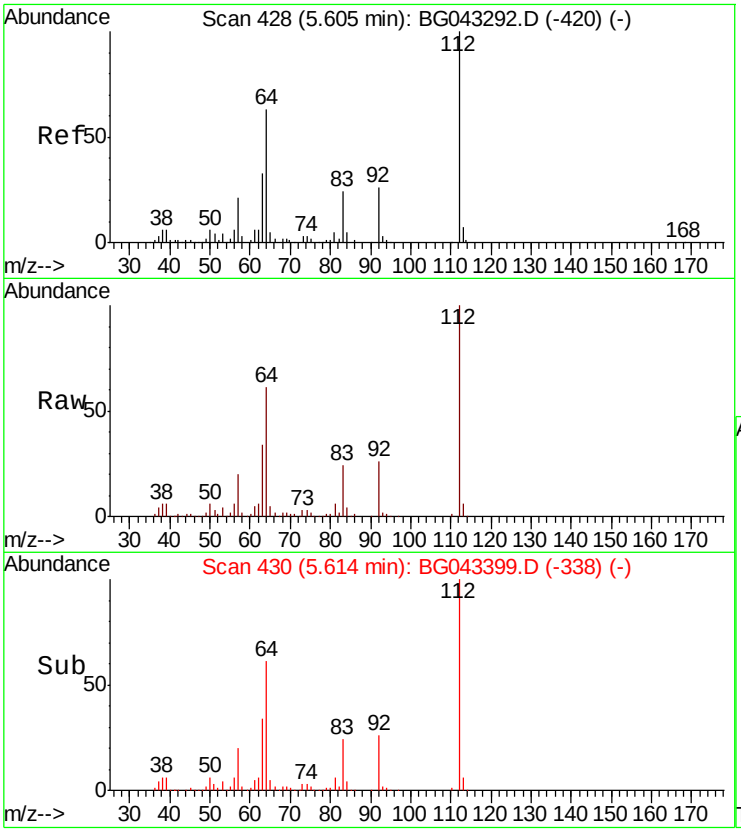


#2
1,4-Dioxane
Concen: 10.676 ng
RT: 3.22 min Scan# 22
Delta R.T. -0.27 min
Lab File: BG043399.D
Acq: 30 Oct 2019 8:27

Tgt Ion: 88 Resp: 9984

Ion	Ratio	Lower	Upper
88	100		
58	44.3	60.2	90.2#
43	2261.5	22.7	34.1#



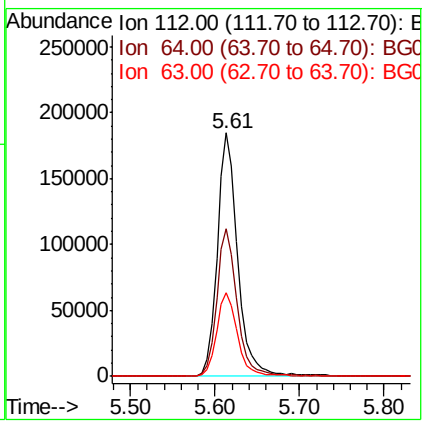


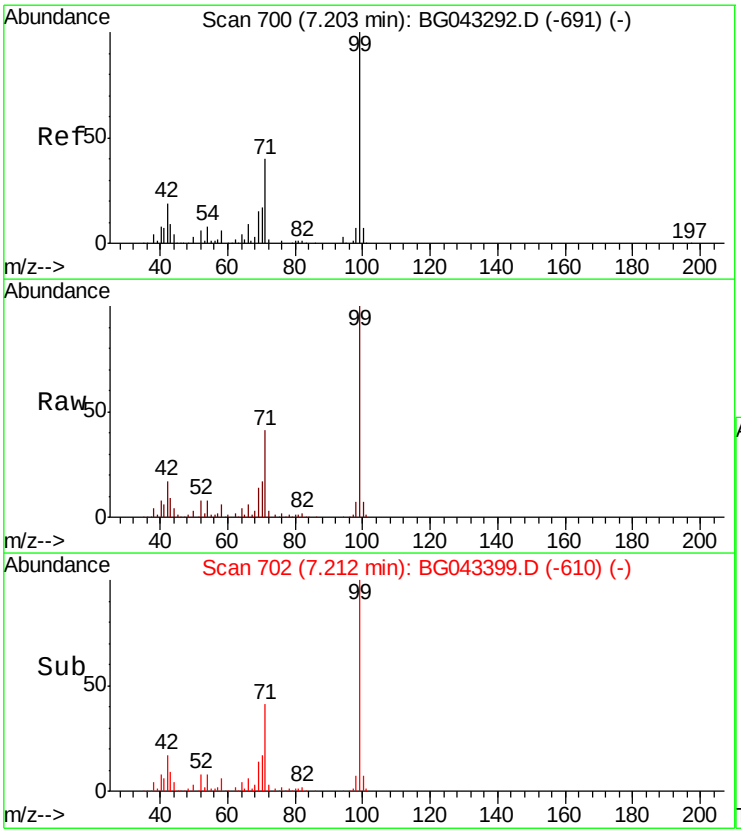
#5
2-Fluorophenol
Concen: 129.338 ng
RT: 5.61 min Scan# 430
Delta R.T. 0.01 min
Lab File: BG043399.D
Acq: 30 Oct 2019 8:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:112 Resp: 310392

Ion	Ratio	Lower	Upper
112	100		
64	60.8	50.2	75.2
63	34.4	26.7	40.1

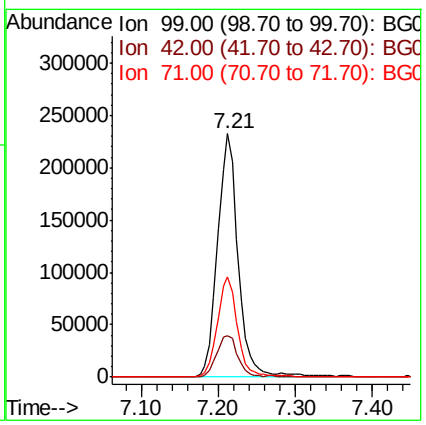


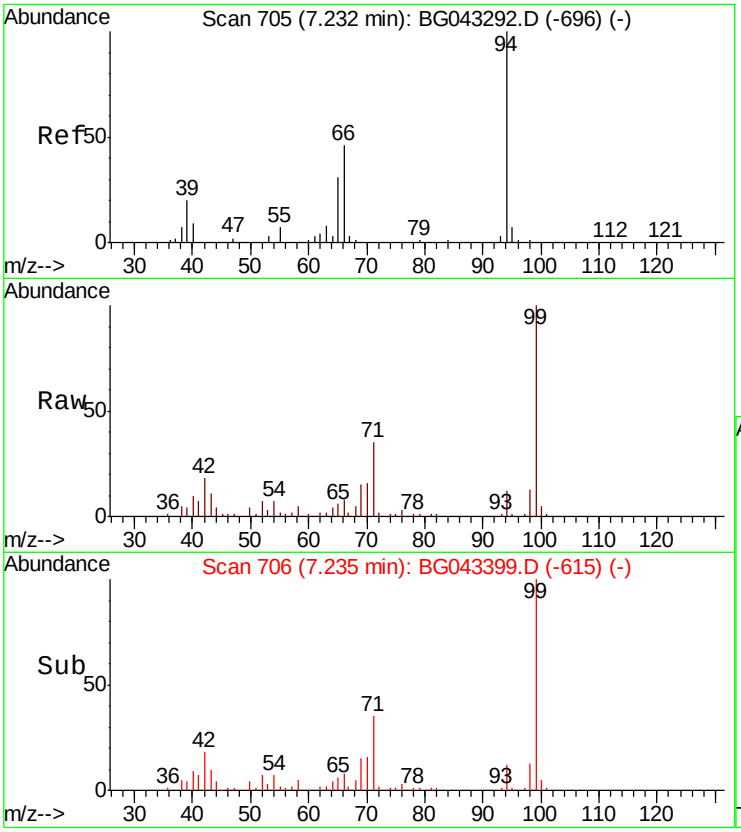


#7
Phenol-d6
Concen: 124.992 ng
RT: 7.21 min Scan# 702
Delta R.T. 0.01 min
Lab File: BG043399.D
Acq: 30 Oct 2019 8:27

Tgt Ion: 99 Resp: 431576

Ion	Ratio	Lower	Upper
99	100		
42	17.1	14.9	22.3
71	41.0	32.2	48.2



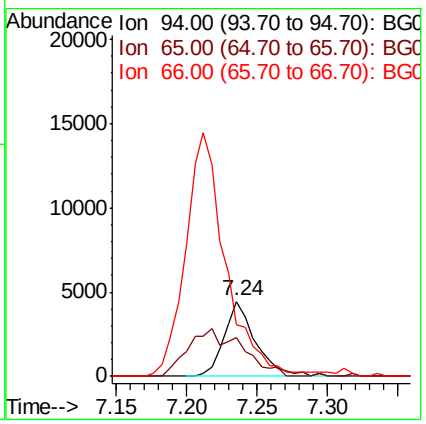


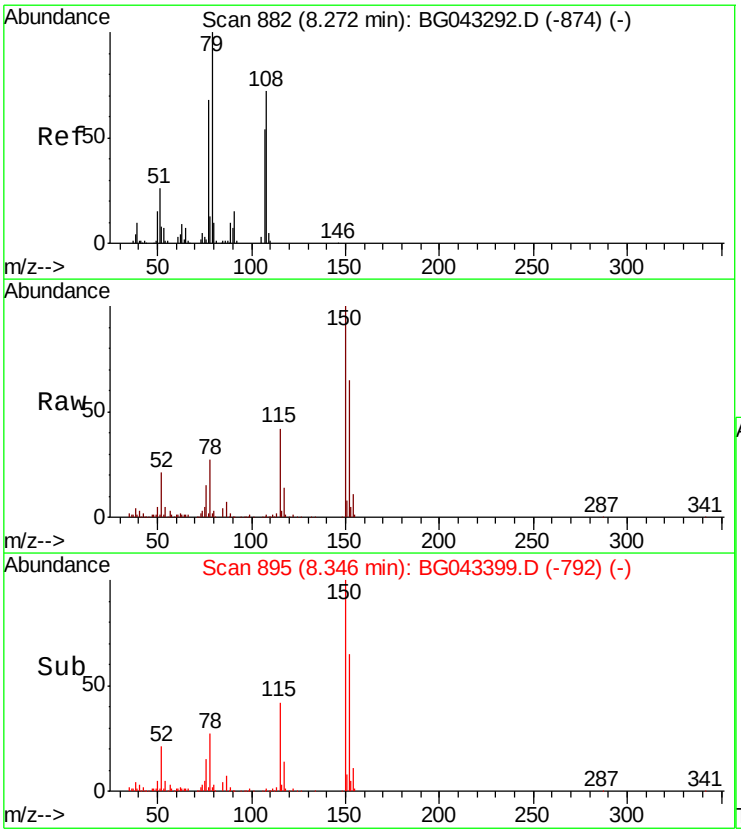
#10
Phenol
Concen: 2.183 ng
RT: 7.24 min Scan# 706
Delta R.T. 0.00 min
Lab File: BG043399.D
Acq: 30 Oct 2019 8:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 94 Resp: 6888

Ion	Ratio	Lower	Upper
94	100		
65	51.1	11.1	51.1#
66	68.8	27.8	67.8#

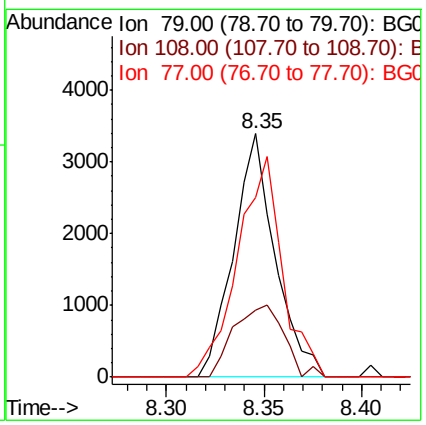


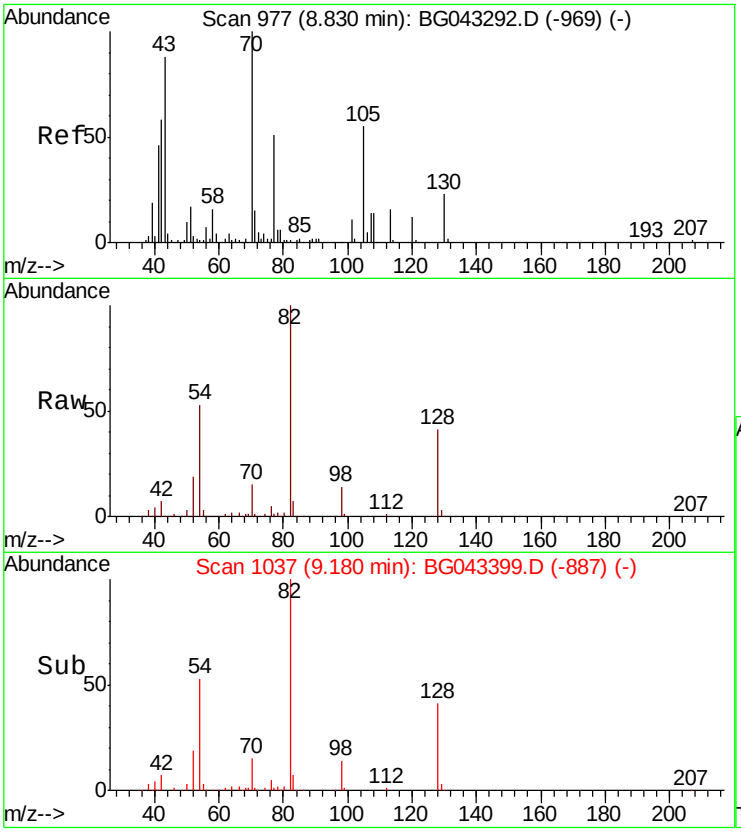


#15
Benzyl Alcohol
Concen: 2.064 ng
RT: 8.35 min Scan# 895
Delta R.T. 0.07 min
Lab File: BG043399.D
Acq: 30 Oct 2019 8:27

Tgt Ion: 79 Resp: 5005

Ion	Ratio	Lower	Upper
79	100		
108	27.6	57.3	85.9#
77	73.8	54.6	81.8



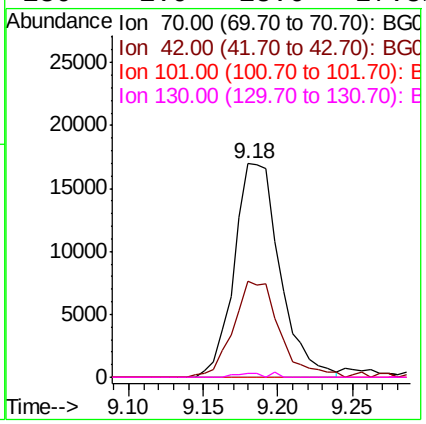


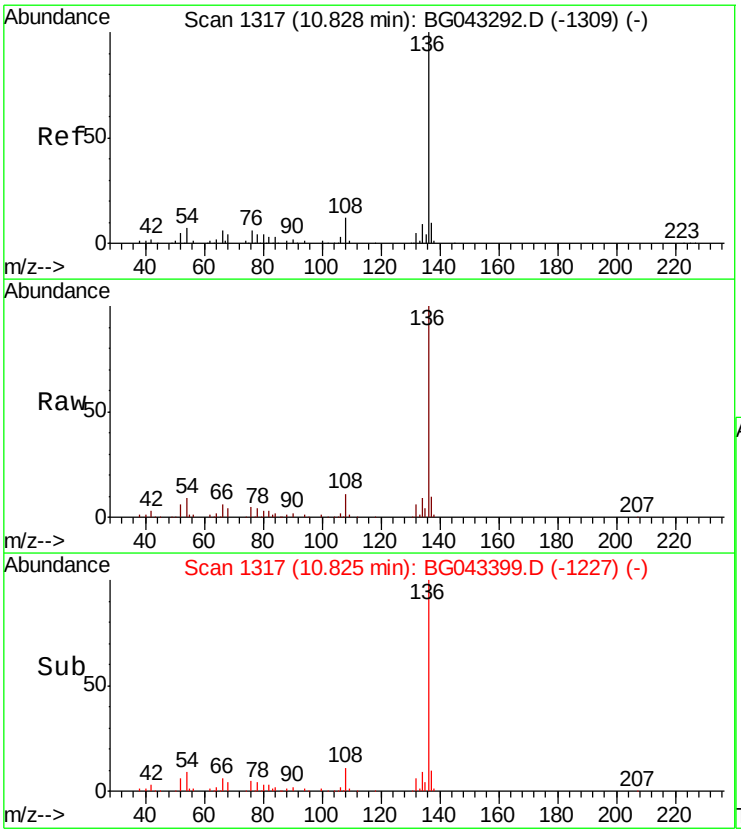
#19
n-Nitroso-di-n-propylamine
Concen: 16.151 ng
RT: 9.18 min Scan# 1037
Delta R.T. 0.35 min
Lab File: BG043399.D
Acq: 30 Oct 2019 8:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 36036

Ion	Ratio	Lower	Upper
70	100		
42	45.1	46.2	69.2#
101	0.0	8.6	13.0#
130	1.9	18.6	27.8#

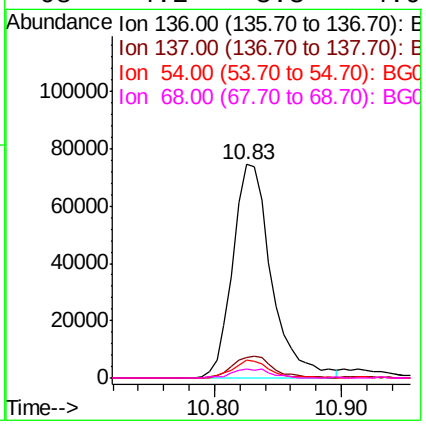


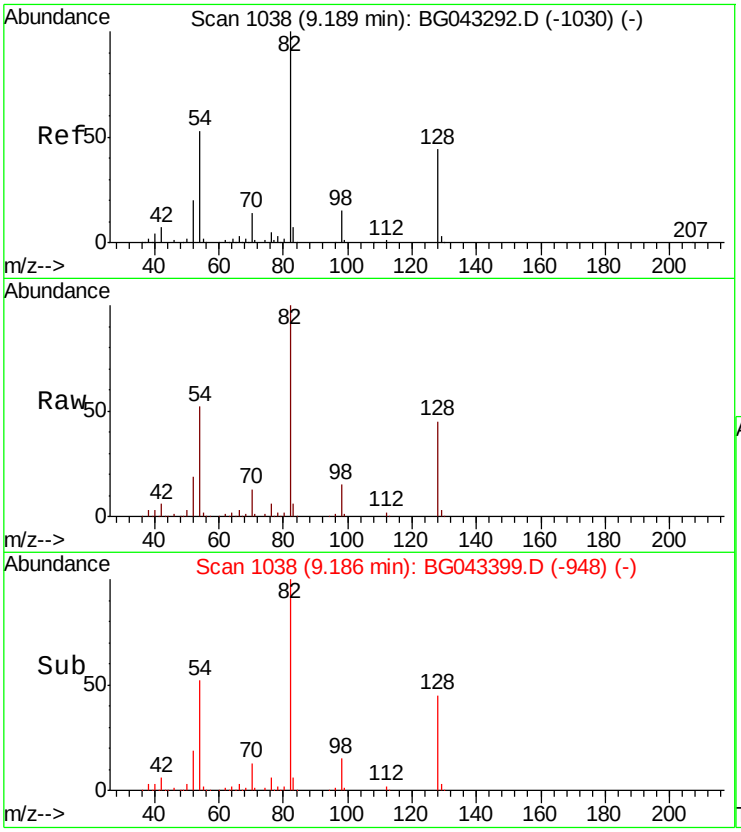


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BG043399.D
Acq: 30 Oct 2019 8:27

Tgt Ion:136 Resp: 158845

Ion	Ratio	Lower	Upper
136	100		
137	9.8	8.2	12.2
54	8.6	5.4	8.2#
68	4.2	3.3	4.9



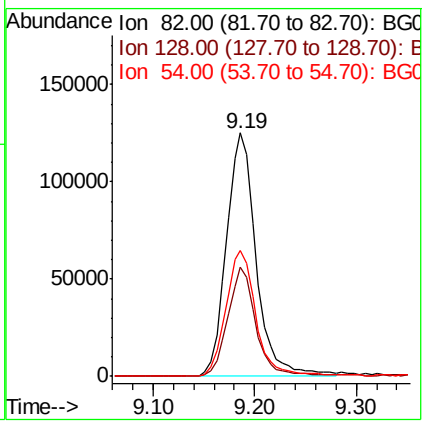


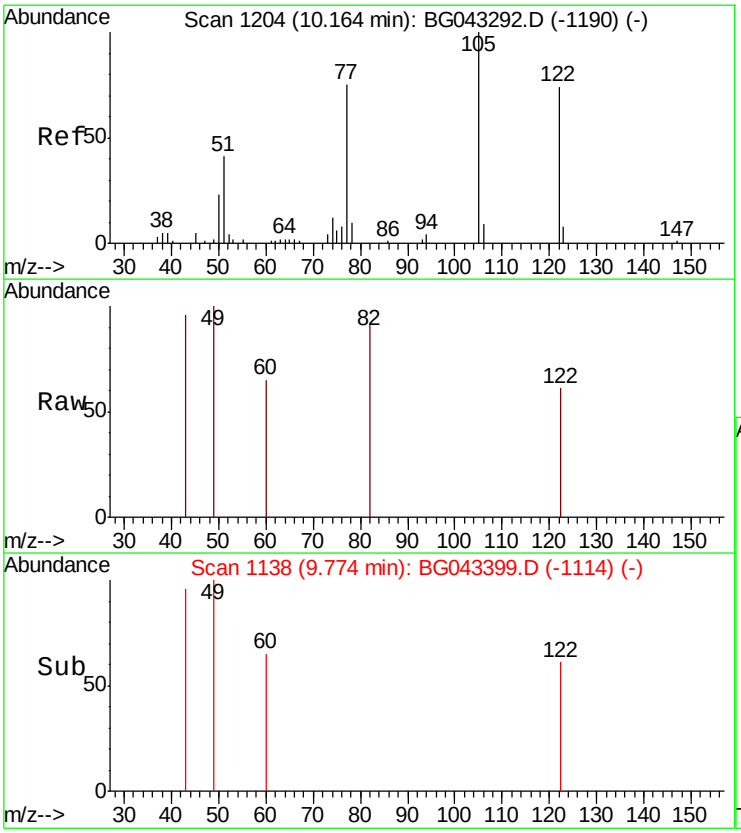
#23
Nitrobenzene-d5
Concen: 82.458 ng
RT: 9.19 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BG043399.D
Acq: 30 Oct 2019 8:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 254063

Ion	Ratio	Lower	Upper
82	100		
128	44.6	35.3	52.9
54	51.9	42.3	63.5

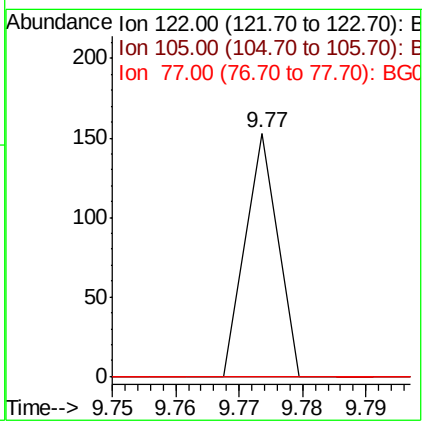


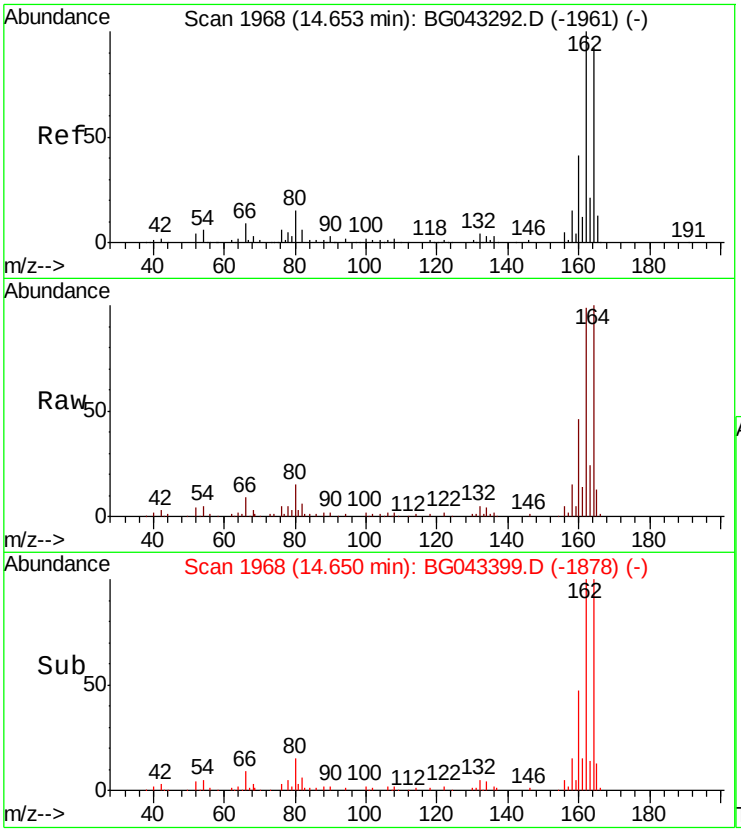


#32
Benzoic acid
Concen: 9.077 ng
RT: 9.77 min Scan# 1138
Delta R.T. -0.39 min
Lab File: BG043399.D
Acq: 30 Oct 2019 8:27

Tgt Ion:122 Resp: 54

Ion	Ratio	Lower	Upper
122	100		
105	0.0	112.4	152.4#
77	0.0	82.7	122.7#



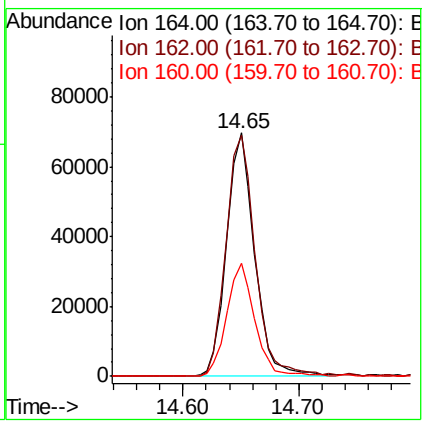


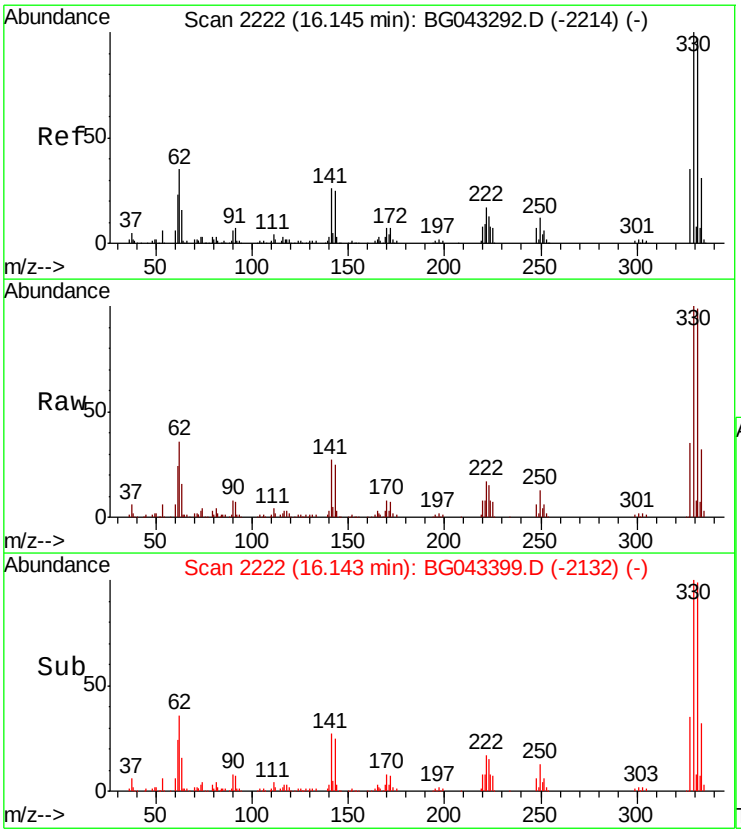
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.00 min
Lab File: BG043399.D
Acq: 30 Oct 2019 8:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 117650

Ion	Ratio	Lower	Upper
164	100		
162	99.2	87.0	130.4
160	46.2	35.5	53.3

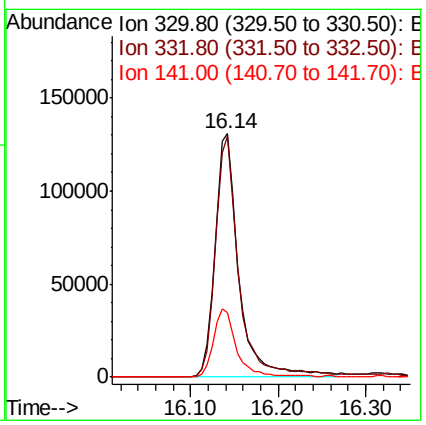


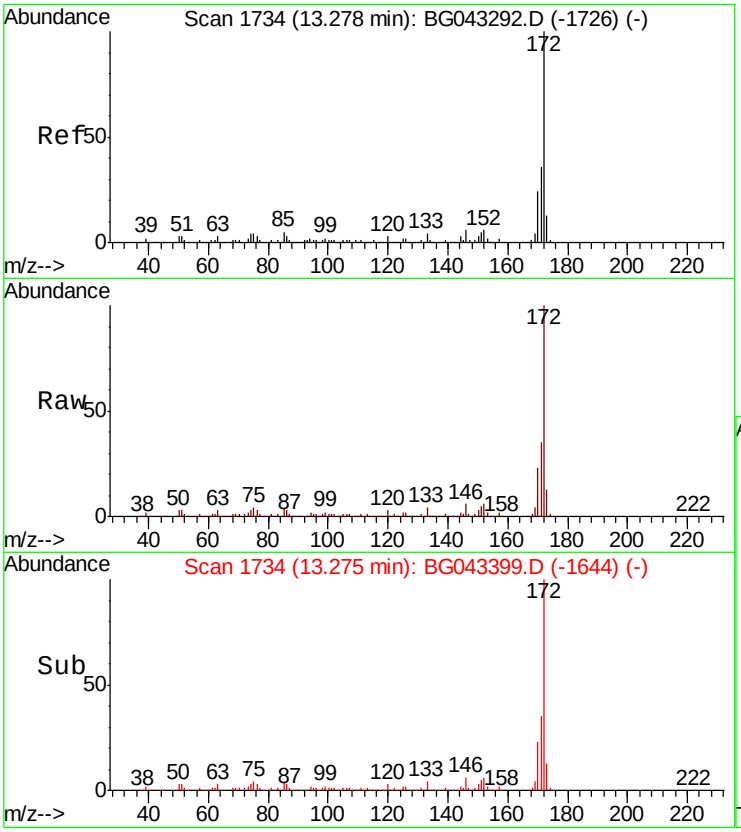


#42
2,4,6-Tribromophenol
Concen: 110.037 ng
RT: 16.14 min Scan# 2222
Delta R.T. -0.00 min
Lab File: BG043399.D
Acq: 30 Oct 2019 8:27

Tgt Ion:330 Resp: 246360

Ion	Ratio	Lower	Upper
330	100		
332	98.0	76.4	114.6
141	27.8	21.4	32.0



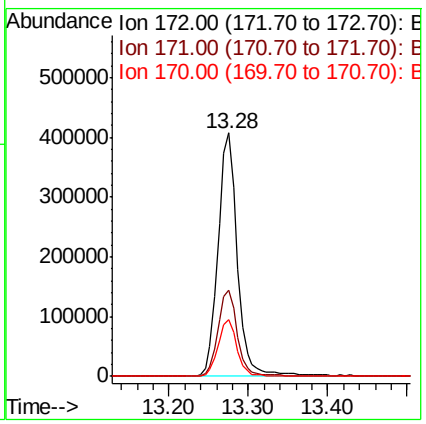


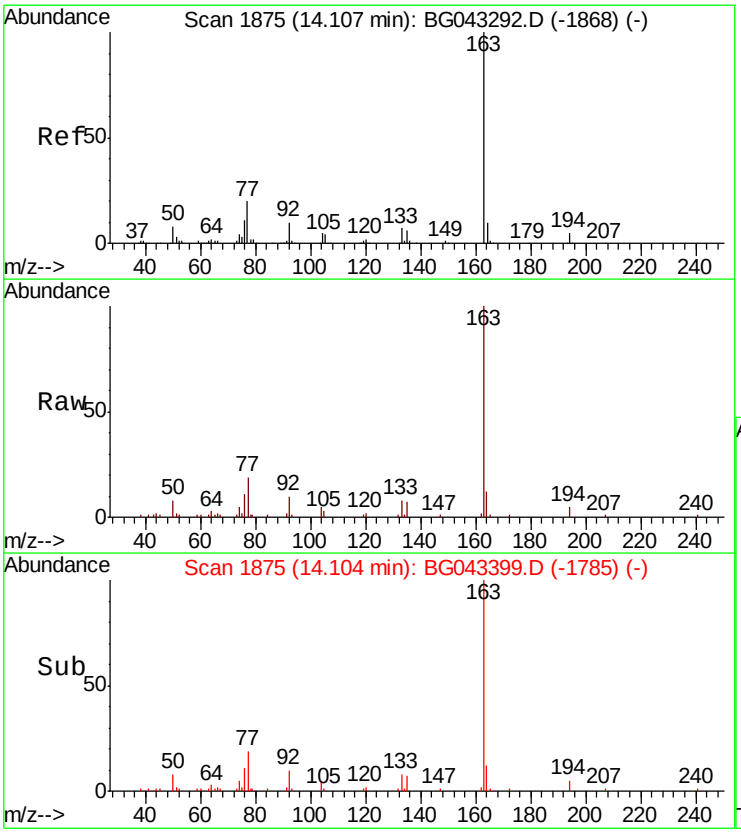
#45
2-Fluorobiphenyl
Concen: 80.829 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.00 min
Lab File: BG043399.D
Acq: 30 Oct 2019 8:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 688201

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.5	42.7
170	23.2	18.8	28.2

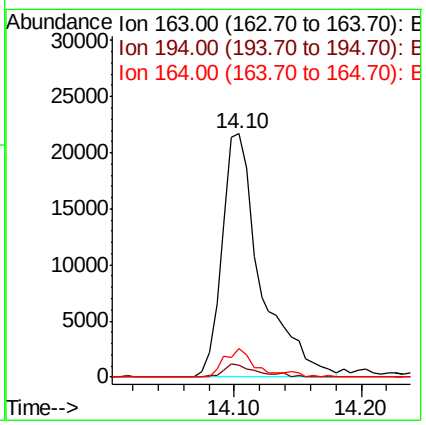


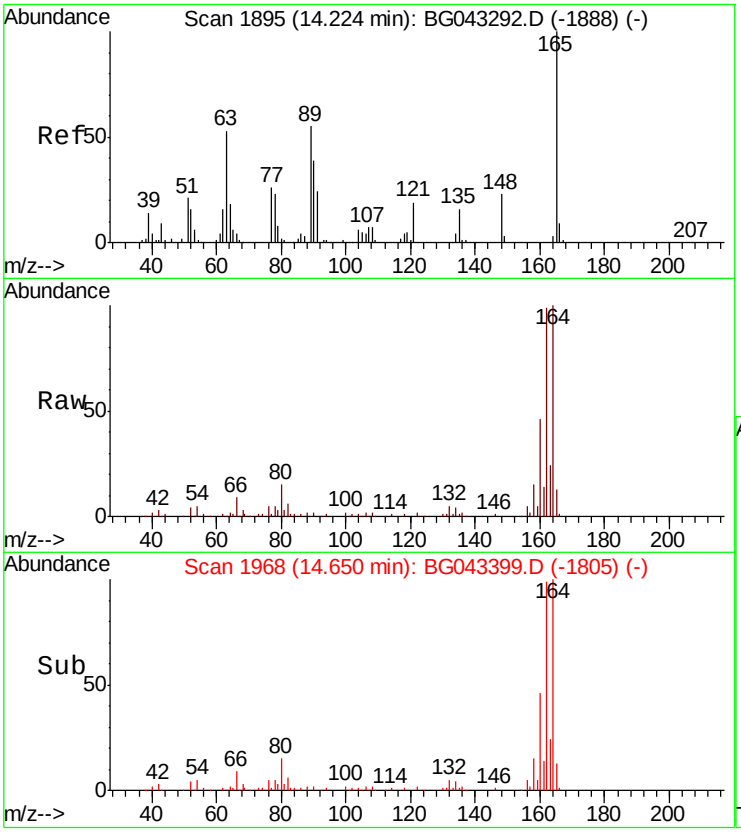


#50
Dimethylphthalate
Concen: 5.023 ng
RT: 14.10 min Scan# 1875
Delta R.T. -0.00 min
Lab File: BG043399.D
Acq: 30 Oct 2019 8:27

Tgt Ion:163 Resp: 45777

Ion	Ratio	Lower	Upper
163	100		
194	5.1	3.7	5.5
164	11.6	8.1	12.1



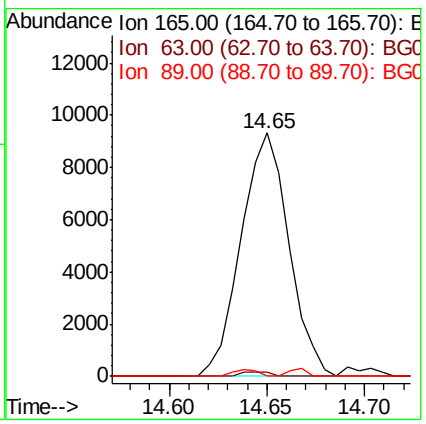


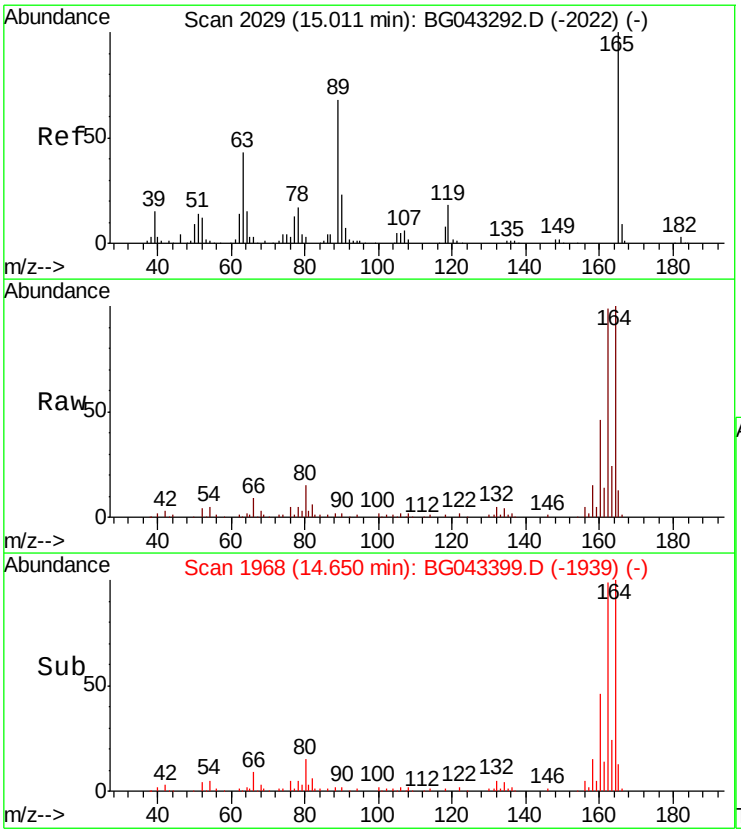
#51
2,6-Dinitrotoluene
Concen: 7.987 ng
RT: 14.65 min Scan# 1968
Delta R.T. 0.43 min
Lab File: BG043399.D
Acq: 30 Oct 2019 8:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 15812

Ion	Ratio	Lower	Upper
165	100		
63	1.9	47.1	70.7#
89	0.0	43.7	65.5#

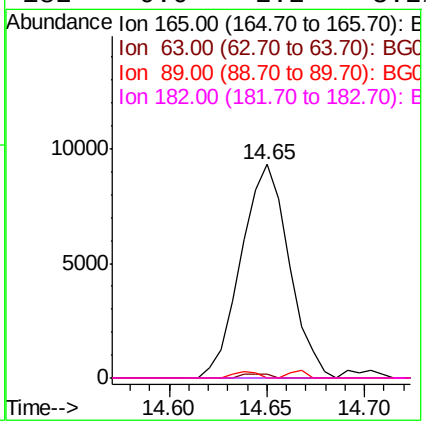


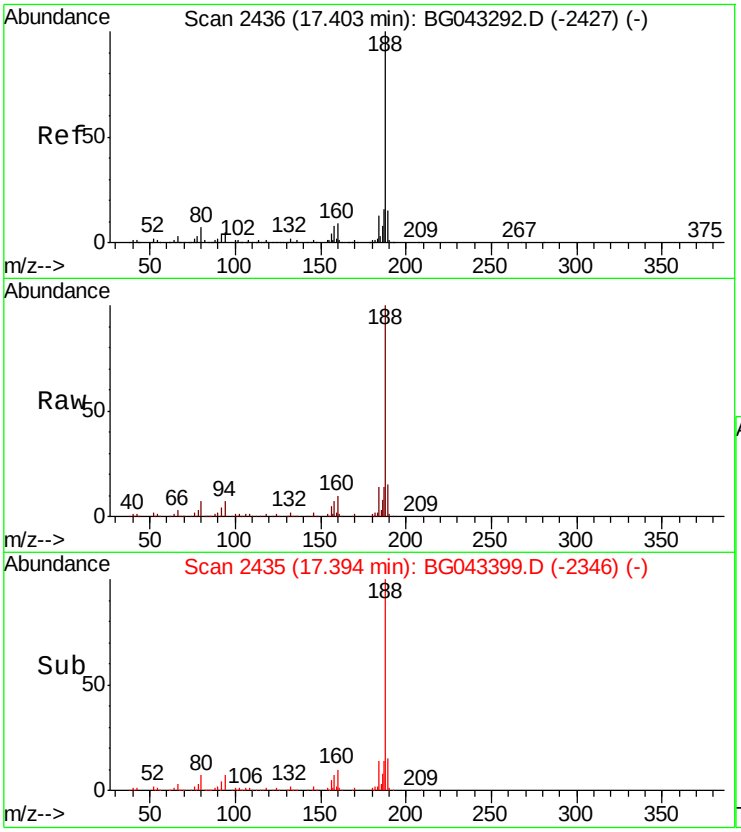


#57
2,4-Dinitrotoluene
Concen: 5.589 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.36 min
Lab File: BG043399.D
Acq: 30 Oct 2019 8:27

Tgt Ion:165 Resp: 15812

Ion	Ratio	Lower	Upper
165	100		
63	1.9	35.0	52.6#
89	0.0	54.1	81.1#
182	0.0	2.2	3.2#



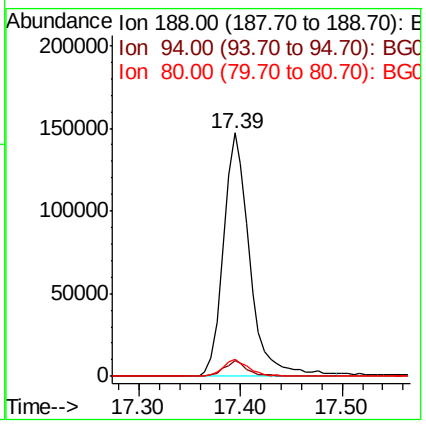


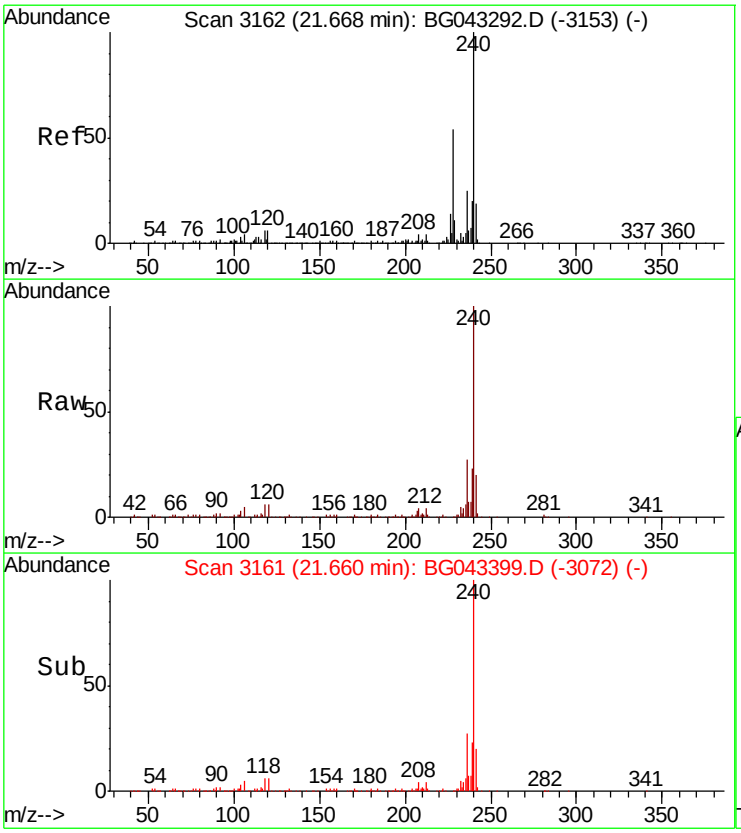
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BG043399.D
Acq: 30 Oct 2019 8:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 265096

Ion	Ratio	Lower	Upper
188	100		
94	6.7	4.2	6.2#
80	6.8	5.2	7.8

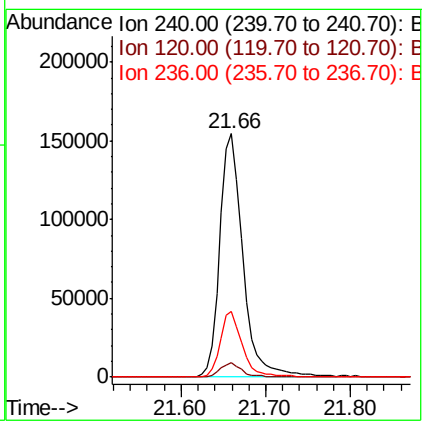


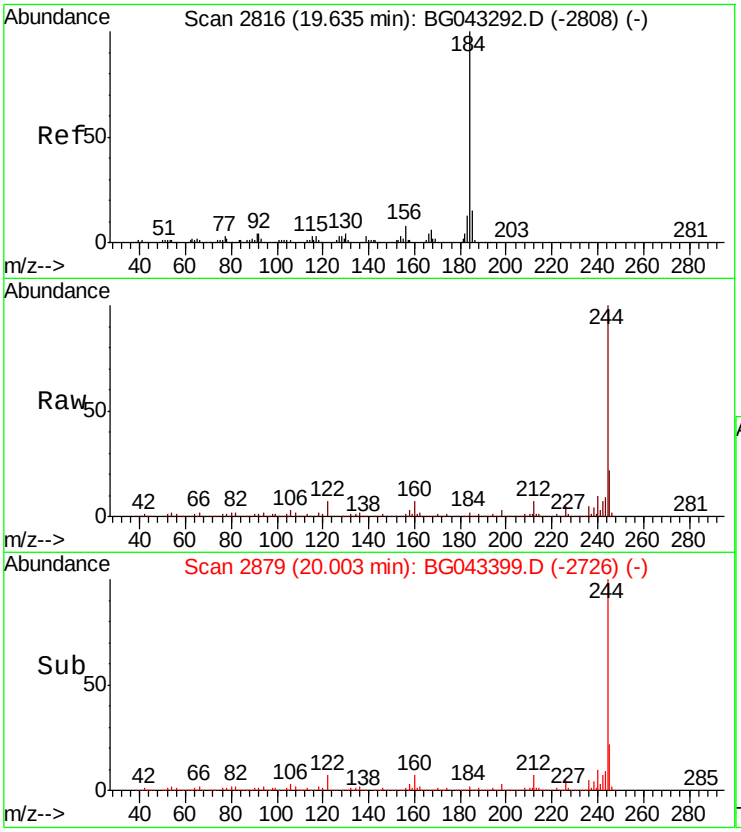


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.66 min Scan# 3161
Delta R.T. -0.01 min
Lab File: BG043399.D
Acq: 30 Oct 2019 8:27

Tgt Ion:240 Resp: 293902

Ion	Ratio	Lower	Upper
240	100		
120	5.9	4.6	7.0
236	27.2	20.2	30.4



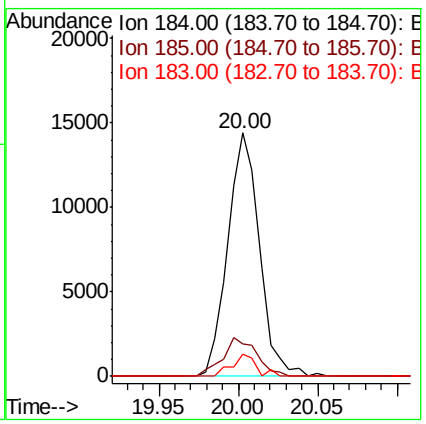


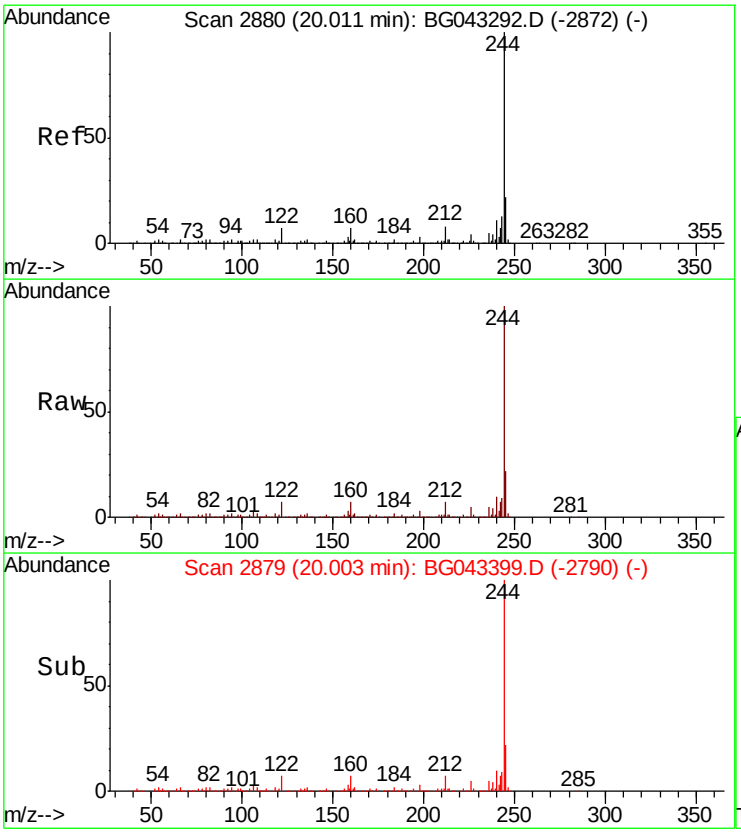
#77
Benzidine
Concen: 3.358 ng
RT: 20.00 min Scan# 2879
Delta R.T. 0.37 min
Lab File: BG043399.D
Acq: 30 Oct 2019 8:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 19863

Ion	Ratio	Lower	Upper
184	100		
185	13.4	11.8	17.6
183	8.9	10.6	16.0#

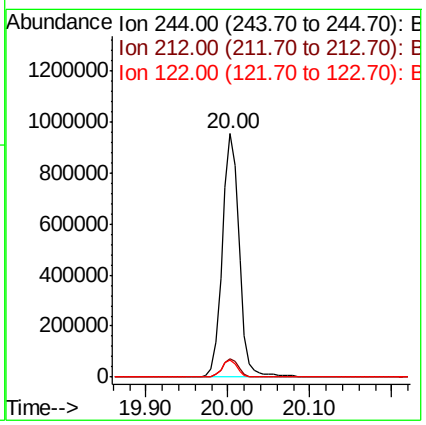


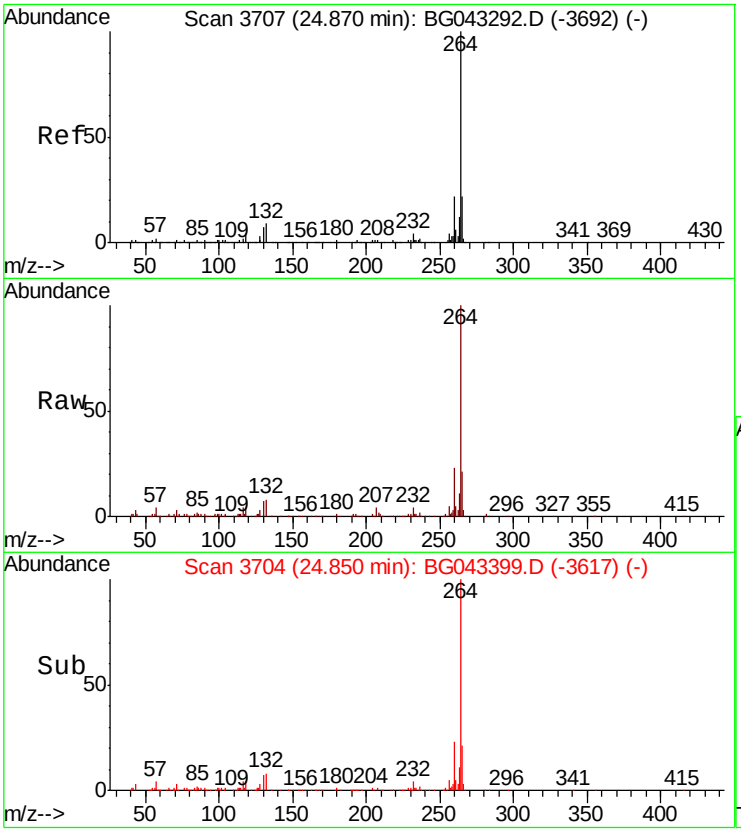


#79
Terphenyl-d14
Concen: 87.435 ng
RT: 20.00 min Scan# 2879
Delta R.T. -0.01 min
Lab File: BG043399.D
Acq: 30 Oct 2019 8:27

Tgt Ion:244 Resp: 1369758

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.4	9.6
122	7.0	5.3	7.9





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.85 min Scan# 3704
Delta R.T. -0.02 min
Lab File: BG043399.D
Acq: 30 Oct 2019 8:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 346200

Ion	Ratio	Lower	Upper
264	100		
260	23.0	17.9	26.9
265	21.2	17.4	26.2